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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/624,131	07/21/2003	Pervaiz Lodhie	0418-41UA	8025
21704	7590	01/28/2005	EXAMINER	
LAW OFFICES OF ERIC KARICH 2807 ST. MARK DR. MANSFIELD, TX 76063			CRANSON JR, JAMES W	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 01/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/624,131

Applicant(s)

LODHIE, PERVAIZ

Examiner

James W. Cranson

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 9, 11, 12, 16 and 17 is/are rejected.
- 7) ☒ Claim(s) 6-8, 10, 13-15 and 18-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5,9,11,12,16,17 rejected under 35 U.S.C. 103(a) as being unpatentable over  
USPN 2,408,643 to Hoy in view of <sup>S</sup>USPN 6,547,410 to Pederson.

Hoy discloses in a safety flashlight for pedestrians and bicycle riders a lamp comprising a housing having a pair of opening on opposite sides with light sources in the opposite opening.

Hoy does not disclose a plurality of LEDs arrange to form two different LED arrays corresponding to the opposite openings.

Pederson discloses in an LED ALLEY/Take-down light having a plurality of LED illumination sources (282) disposed on opposite sides (286,288) of a circuit board mounting surface (280).

It would have been obvious to one of ordinary skill in the art at the time of the invention to replace the light sources of Hoy with LEDs as taught by Pederson. Some of the reasons for replacing the bulbs with LEDs include, generates little heat, uses substantially less electrical current and are rugged and have a long life cycle.

Regarding claim 1, A Lamp (A), comprising;

a housing (11) having a pair of opening on opposite sides (15); and

a plurality of light –emitting diodes arranged to form two different LED arrays (282,282),

wherein each of the LED arrays corresponds to a different one of the opening of the housing ( **figure 2**), and wherein at least a portion of each of the LED arrays is exposed through the corresponding opening ( **figures 23, 24 in 410**).

Regarding claim 2, according to claim 1, wherein the housing (**11**) is a hollow cylinder ( **figure 2**)

Regarding claims 3 according to claim 1, and claim 16 wherein each LED array has a different PCB.

Hoy as modified above discloses the claimed invention except for the second circuit board. It would have been obvious to one of ordinary skill in the art at the time of the invention to provide the modified Hoy with a second PCB because it has been held that mere duplication of the essential working parts of a device involves only routine skill in the art and it is not the type of innovation for which a patent monopoly is to be granted. *St. Regis Paper Co. v. Bemis Co., Inc.*, 193 USPQ 8, 11 (7<sup>TH</sup> Cir. 1977).

Regarding claims 4, according to claim 1, and claim 17, according to claim 16 base is connected to side surface of housing (**figure 2**).

Regarding claim 9, according to claim 1, wherein housing is thermoplastic polyester material. The examiner that OFFICAL NOTICE that it is well known the illumination art to use thermoplastic polyester material in illumination device housing.

Regarding claims 11 and 12, according to claim 1, wherein LEDs or same color or red, yellow or blue ( **column 54, lines 30-34**).

Art Unit: 2875

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over USPN 2,208,643 to Hoy , USPN 6,547,410 to Pederon as applied to claim 1 above, and further in view of USPN 6,598,996 to Lodhie.

Hoy as modified does not have a bayonet-type lamp holder or socket. Lodhie teaches in an LED device using a bayonet base for connection to a bayonet-type lamp holder or socket.

It would have been obvious to one of ordinary skill in the art at the time of the invention to provide modified Hoy with a bayonet base as taught by Lohie. The purpose is so that a readily separable electrical joint may be form for connect and disconnect.

#### *Allowable Subject Matter*

Claims 6-8,10,13-15, and 18-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

Claim 6, according to claim 4, which depends on claim 1, adds that the base comprises a shell and a pair of contacts that form electrical contacts between the lamp and the lamp holder or socket. These added limitations are not found or taught in the art of record.

Claim 7, according to claim 4, adds that housing has plurality of holes in the side surface opposite the base, and wherein at least one light-emitting diode of each of the LED arrays is exposed through one of the holes. These limitations are not found or taught in the art of record.

Claims 8 and 10 depend from seven and are allowable for the same reasons.

Art Unit: 2875

Claim 13, according to claim 1, adds a circuit to illuminate LEDs independent of the polarity of an input direct current voltage. These limitations are not found or taught in the art of record.

Claims 14 and 15 depend from claim 13 and are allowable for the same reasons.

Claim 18, according to claim 17, adds a plurality of holes opposite the base with exposed LEDs.

Claim 19 depend on claim 18 and is allowable for the same reason

Claim 20, according to claim 16, adds a circuit to illuminate LEDs independent of the polarity of an input direct current voltage. These limitations are not found or taught in the art of record.


### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James W. Cranson whose telephone number is 571-272-2368. The examiner can normally be reached on Mon-Fri 8:30A.M.- 5:00P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandy O'Shea can be reached on 571-272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2875

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be 'JL' with a long horizontal stroke extending to the right. Below the signature are three asterisks (\*\*\*) stacked vertically.A handwritten signature in black ink that reads 'Stephen Husar'.

Stephen Husar  
Primary Examiner